RESPECTIPIO 13 DEC 2002

PF-0620 USN

```
<110> TANG, Y. Tom
    CORLEY, Neil C.
    GUEGLER, Karl J.
    PATTERSON, Chandra
```

<120> LYSINE-RICH STATHERIN PROTEIN

```
<130> PF-0620 USN
```

```
<140> 09/830,244
```

<141> Herewith

<150> PCT/US99/24046

<151> 1999-10-22

<150> 60/155,209

<151> 1998-10-23

<160> 6

<170> PERL Program

<210> 1

<211> 95

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2820214CD1

<400> 1

| Met | Trp | Phe | His | Lys | Val | Gly | Arg | Lys | Gln | His | Phe | Lys | Val | Thr |
|-----|----------|-----|-----|-----|-----|-----|-----|-------------------------------|-----|-----|-----|-----|-----|-----|
| 1 | | | | 5 | | | | | 10 | | | | | 15 |
| Phe | Trp | Glu | Thr | | Leu | Ser | Asn | Asn | Lys | Thr | Leu | Val | Ser | Leu |
| _ | _ | | | 20 | | | | | 25 | | | | | 30 |
| Lys | Lys | Lys | Lys | | Phe | His | Leu | $\operatorname{\mathtt{Tyr}}$ | Cys | Val | Ile | Tyr | Ile | Pro |
| _ | - | _ | | 35 | | | | | 40 | | | | | 45 |
| Leu | Val | Pro | Lys | | Ile | Ile | Leu | Phe | Leu | Asp | Ile | Ala | Phe | Ile |
| _ | _ | | | 50 | | | | | 55 | | | | | 60 |
| Pro | Lys | Ser | Leu | | Ser | Gln | Phe | Gln | Asn | Asn | His | Tyr | Thr | His |
| | | | | 65 | | | | | 70 | | | | | 75 |
| Asn | His | Thr | Asn | | Asn | Thr | Asn | Asn | Ile | Arg | Phe | Asn | Ile | Ile |
| _ | | | | 80 | | | | | 85 | | | | | 90 |
| Ser | Asn | Cys | Arg | Thr | | | | | | | | | | |
| | | | | | | | | | | | | | | |

_

95

<210> 2

<211> 1331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2820214CB1

```
PF-0620 USN
<220>
<221> unsure
<222> 1242
<223> a, t, c, g, or other
ctatgttttt agaatcaaag atgaaccggt aagctgtctc atgtaccaaa cgtgaaattt 60
acagtgttta caaatgtctg gaattttgca ctgccatagg gaatgttaag gttacttggc 120
tggaatttat cagacttgtg agtaaacaag ttgaagttta gcagatgagg gggaatattg 180
aggcccctaa ggctaaacaa aataatcagt atctgagata gtggctaatg tggctcccca 240
ggcctaattt gggaacagtt tttcctgatt gctttgagaa gtactttctt ttgacagaaa 300
ttttcattct gcttgccatt gctatattct ccctttatag gagccattgg atttctttcc 360
ttttgtggga aatgtcccat tagcattttc agatcttttg atgtgcacta atgccattat 420
tggtaatgcc gttattggtg aatacagcat agttaaataa actgttacag taaatctaca 480
cttggatttg ctgcacctct accaatagcc ttttgaatga ctgaaagtgt taacagagaa 540
agaggcatgt ctgcagaaag agatagctaa tattttttgg tactttatct gaaatccaag 600
atgctgcttc ccctgcaggt tgttttcctt cttacgatcc tcattgaatc ccctctggga 660
gcacaggaca gttagtagaa ctctccattt ctttgttttg ttttttaaga cagagactct 720
gtctcaaaaa aaaggacatt tatcattata acatcttatt agagccccta atttcttatc 780
tgaaggcact gtttttttt ttaaacagtt aagtactgat gtcaacagac aaatatttct 840
gatcagatag tcccctgtca acagtagcaa atgtggtttc ataaagtggg aagaaaacag 900
cattttaaag taactttttg ggagactgat ttgagtaata ataaaactct ggtctccctt 960
aagaaaaaa aacccttcca cctttactgt gtcatttata tccccttagt tccaaagtta 1020
attatettat ttetggatat tgettttata ecaaagagee ttateageea gtteeagaae 1080
aaccactata cgcacaacca taccaaccac aataccaaca atatacgttt taatatcatc 1140
agtaactgca ggacatgatt attgaggctt gattggcaaa tacgacttct acatccatat 1200
tctcatcttt cataccatat cacactacta ccactttttg tnagatcatc taaqaqcaat 1260
gcgaatgtaa aaccctataa tttactggat actctttggt tccagatact tgccttttcc 1320
aatgtcactt g
                                                                   1331
<210> 3
<211> 62
<212> PRT
<213> Homo sapiens
<220>
<221> misc_feature
<223> GenBank ID No: g338508
<400> 3
Met Lys Phe Leu Val Phe Ala Phe Ile Leu Ala Leu Met Val Ser
                                     10
Met Ile Gly Ala Asp Ser Ser Glu Glu Lys Phe Leu Arg Arg Ile
                                     25
                                                          30
Gly Arg Phe Gly Tyr Gly Tyr Gly Pro Tyr Gln Pro Val Pro Glu
                 35
                                     40
Gln Pro Leu Tyr Pro Gln Pro Tyr Gln Pro Gln Tyr Gln Gln Tyr
                                                          60
Thr Phe
<210> 4
<211> 51
<212> PRT
```

```
PF-0620 USN
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <223> GenBank ID No: g179466
 <400> 4
 Met Lys Phe Phe Val Phe Ala Leu Ile Leu Ala Leu Met Leu Ser
                                      10
 Met Thr Gly Ala Asp Ser His Ala Lys Arg His His Gly Tyr Lys
                  20
                                      25
Arg Lys Phe His Glu Lys His His Ser His Arg Gly Tyr Arg Ser
                  35
                                      40
Asn Tyr Leu Tyr Asp Asn
                  50
<210> 5
<211> 552
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<223> GenBank ID No: g338507
<400> 5
atctcttgaa gcttcacttc aacttcacta cttctgtagt ctcatcttga gtaaaagaga 60
acccagccaa ctatgaagtt ccttgtcttt gccttcatct tggctctcat ggtttccatg 120
attggagctg attcatctga agagaaattt ttgcgtagaa ttggaagatt cggttatggg 180
tatggccctt atcagccagt tccagaacaa ccactatacc cacaaccata ccaaccacaa 240
taccaacaat atacctttta atatcatcag taactgcagg acatgattat tgaggcttga 300
ttggcaaata cgacttctac atccatattc tcatctttca taccatatca cactactacc 360
actttttgaa gaatcatcaa agagcaatgc aaatgaaaaa cactataatt tactgtatac 420
tctttgtttc aggatacttg ccttttcaat tgtcacttga tgatataatt gcaatttaaa 480
ctgttaagct gtgttcagta ctgtttctga ataatagaaa tcacttctct aaaagcaata 540
aatttcaagc cc
                                                                   552
<210> 6
<211> 491
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<223> GenBank ID No: g179465
<400> 6
aggacgccta ccaggaggac ctgggattca accaactatg aagttttttg tttttgcttt 60
aatcttggct ctcatgcttt ccatgactgg agctgattca catgcaaaga gacatcatgg 120
gtataaaaga aaattccatg aaaagcatca ttcacatcga ggctatagat caaattatct 180
gtatgacaat tgatatcttc agtaatcatg gggcatgatt atggaggttt gactggcaaa 240
ttcgctttgg actcgtgtat tctcatttgt cataccgcat cacactacta ctgctttttg 300
aaggaattat cataaggcaa tgcagaataa aagaaatacc atgatttagt gaattctgtg 360
```

tttcaggata cttcccttcc taattatcat ttgattagat acttgcaatt taaatgttaa 420

. 008305HH "0H530T

'PF-0620 USN

gctgttttca ctgctgtttc tgagtaatag aaattcattc ctctccaaaa gcaataaaat 480 tcaagcacat t 491